Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-2 (Canceled).

Claim 3 (Currently Amended): A process for producing a mutagenized *Sporidiobolus ruineniae* strain having a Q10 productivity of greater than 1.38 mg of Q10/g of dry biomass, comprising

(a) subjecting a *Sporidiobolus ruineniae* strain to genetic manipulation by mutagenesis;

(b) subjecting mutagenized *Sporidiobolus ruineniae* strain to a selection where the mutagenized *Sporidiobolus ruineniae* strain is cultivated under conditions which inhibit growth of the *Sporidiobolus ruineniae* strain employed in (a), the conditions being chosen so that the selected mutagenized strain overcomes the growth inhibition through a Q10 production which is increased by comparison with the *Sporidiobolus ruineniae* strain employed in (a)~~, grows in a fermentation medium~~; and

(c) isolating the mutagenized strain from the fermentation medium.

wherein selection of the *Sporidiobolus ruineniae* strain with a Q10 productivity of greater than 1.38 mg of Q10/g of dry biomass is brought about by conditions which generate an oxidative stress.

Claim 4 (Original): The process as claimed in claim 3, comprising generating the oxidative stress by a substance selected from the group consisting of paraquat, hydrogen peroxide unsaturated fatty acids, and linolenic acid.

Claim 5 (Currently Amended): A process for producing a mutagenized *Sporidiobolus ruineniae* strain having a Q10 productivity of greater than 1.38 mg of Q10/g of dry biomass, comprising

(a) subjecting a *Sporidiobolus ruineniae* strain to genetic manipulation by mutagenesis;

(b) subjecting mutagenized *Sporidiobolus ruineniae* strain to a selection where the mutagenized *Sporidiobolus ruineniae* strain is cultivated under conditions which inhibit growth of the *Sporidiobolus ruineniae* strain employed in (a), the conditions being chosen so that the selected mutagenized strain overcomes the growth inhibition through a Q10 production which is increased by comparison with the *Sporidiobolus ruineniae* strain employed in

(a)~~, grows in a fermentation medium~~; and

(c) isolating the mutagenized strain from the fermentation medium,

wherein selection of the *Sporidiobolus ruineniae* strain with a Q10 productivity of greater than 1.38 mg of Q10/g of dry biomass is effected by an inhibitor of the respiratory chain.

Claim 6 (Original): The process as claimed in claim 5, wherein the inhibitor of the respiratory chain is selected from the group consisting of antimycin A, piericidin, mucidin, rotenone, and menadione.

Claim 7 (Currently Amended): A process for producing a mutagenized *Sporidiobolus ruineniae* strain having a Q10 productivity of greater than 1.38 mg of Q10/g of dry biomass, comprising

(a) subjecting a *Sporidiobolus ruineniae* strain to genetic manipulation by mutagenesis;

(b) subjecting mutagenized *Sporidiobolus ruineniae* strain to a selection where the mutagenized *Sporidiobolus ruineniae* strain is cultivated under conditions which inhibit growth of the *Sporidiobolus ruineniae* strain employed in (a), the conditions

being chosen so that the selected mutagenized strain overcomes the growth inhibition through a Q10 production which is increased by comparison with the *Sporidiobolus ruineniae* strain employed in (a), ~~grows in a fermentation medium~~; and

(c) isolating the mutagenized strain from the fermentation medium,

wherein selection of the *Sporidiobolus ruineniae* strain with a Q10 productivity of greater than 1.38 mg of Q10/g of dry biomass takes place through inhibition of a step in the Q10 biosynthetic pathway of *Sporidiobolus ruineniae*.

Claim 8 (Original): The process as claimed in claim 7, wherein the inhibition of a step of the Q10 biosynthetic pathway of *Sporidiobolus ruineniae* is effected by a substance selected from the group consisting of glyphosate, lovastatin, cerivastatin, atorvastatin, compactin, or ethionine.

Claims 9-13 (Canceled).